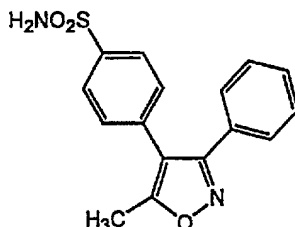


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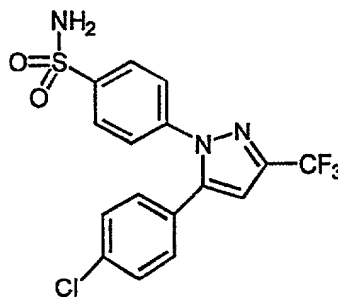
39. The method of Claim 1 wherein the cyclooxygenase-2 inhibitor is



5 4-(5-methyl-3-phenylisoxazol-4-yl)benzenesulfonamide.

40. The method of Claim 1 wherein the cyclooxygenase-2 inhibitor is N-[[4-(5-methyl-3-phenylisoxazol-4-yl)phenyl]sulfonyl]propanamide.

41. The method of Claim 1 wherein the
10 cyclooxygenase-2 inhibitor is



4-[5-(4-chlorophenyl)-3-(trifluoromethyl)-1H-pyrazole-1-yl]benzenesulfonamide.

42. The method of Claim 1 wherein the neoplasia is
15 selected from the group consisting of lung cancer, breast cancer, gastrointestinal cancer, bladder cancer, head and neck cancer and cervical cancer.

43. The method of Claim 1 wherein the neoplasia is
20 selected from the group consisting of acral lentiginous melanoma, actinic keratoses, adenocarcinoma, adenoid cystic carcinoma, adenomas, adenocarcinoma, adenoid cystic carcinoma, adenomas, adenocarcinoma, adenoid cystic carcinoma, astrocytic tumors, Bartholin's gland carcinoma,

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basal cell carcinoma, bronchial gland carcinomas,
capillary, carcinoids, carcinoma, carcinosarcoma,
cavernous, cholangiocarcinoma, chondrosarcoma, choriod
plexus papilloma/carcinoma, clear cell carcinoma,
5 cystadenoma, endodermal sinus tumor, endometrial
hyperplasia, endometrial stromal sarcoma, endometrioid
adenocarcinoma, ependymal, epitheloid, Ewing's sarcoma,
fibrolamellar, focal nodular hyperplasia, gastrinoma,
germ cell tumors, glioblastoma, glucagonoma,
10 hemangiblastomas, hemangioendothelioma, hemangiomas,
hepatic adenoma, hepatic adenomatosis, hepatocellular
carcinoma, insulinoma, intraepithelial neoplasia,
interepithelial squamous cell neoplasia, invasive
squamous cell carcinoma, large cell carcinoma,
15 leiomyosarcoma, lentigo maligna melanomas, malignant
melanoma, malignant mesothelial tumors, medulloblastoma,
medulloepithelioma, melanoma, meningeal, mesothelial,
metastatic carcinoma, mucoepidermoid carcinoma,
neuroblastoma, neuroepithelial adenocarcinoma nodular
20 melanoma, oat cell carcinoma, oligodendroglial,
osteosarcoma, pancreatic polypeptide, papillary serous
adenocarcinoma, pineal cell, pituitary tumors,
plasmacytoma, pseudosarcoma, pulmonary blastoma, renal
cell carcinoma, retinoblastoma, rhabdomyosarcoma,
25 sarcoma, serous carcinoma, small cell carcinoma, soft
tissue carcinomas, somatostatin-secreting tumor,
squamous carcinoma, squamous cell carcinoma,
submesothelial, superficial spreading melanoma,
undifferentiated carcinoma, uveal melanoma, verrucous
30 carcinoma, vipoma, well differentiated carcinoma, and
Wilm's tumor.

44. A method for treating or preventing a neoplasia disorder in a mammal in need of such treatment or prevention, which method comprises administering to the mammal a therapeutically effective amount of a combination of radiation therapy, a cyclooxygenase-2 inhibitor, and one or more antineoplastic agents, wherein said antineoplastic agents are selected from the group consisting of anastrozole, calcium carbonate, capecitabine, carboplatin, cisplatin, Cell Pathways CP-461, docetaxel, doxorubicin, etoposide, fluoxymestrine, gemcitabine, goserelin, irinotecan, ketoconazole, letrozol, leucovorin, levamisole, megestrol, mitoxantrone, paclitaxel, raloxifene, retinoic acid, tamoxifen, thiotepa, topotecan, toremifene, vinorelbine, vinblastine, vincristine, selenium (selenomethionine), sulindac sulfone, exemestane and eflornithine (DFMO).

45. The method of Claim 44 wherein the neoplasia is selected from the group consisting of acral lentiginous melanoma, actinic keratoses, adenocarcinoma, adenoid cystic carcinoma, adenomas, adenosarcoma, adenosquamous carcinoma, astrocytic tumors, Bartholin gland carcinoma, basal cell carcinoma, bronchial gland carcinomas, capillary, carcinoids, carcinoma, carcinosarcoma, cavernous, cholangiocarcinoma, chondrosarcoma, choroid plexus papilloma/carcinoma, clear cell carcinoma, cystadenoma, endodermal sinus tumor, endometrial hyperplasia, endometrial stromal sarcoma, endometrioid adenocarcinoma, ependymal, epitheloid, Ewing's sarcoma, fibrolamellar, focal nodular hyperplasia, gastrinoma, germ cell tumors, glioblastoma, glucagonoma, hemangiblastomas, hemangioendothelioma,